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TO:	Examiner James M. Kish U.S. Patent and Trademark Office	571-273-8300	571-272-5554

FROM: Sheila A. Badon (650) 849-4800 (650) 849-4455  
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PAGES: (INCLUDING THIS COVER PAGE): 13  
U.S. Application Serial No: 10/687,522

RE: Entitled: SYSTEMS AND METHODS FOR FUNCTIONAL IMAGING USING  
CONTRAST-ENHANCED MULTIPLE-ENERGY COMPUTED TOMOGRAPHY  
Filed: October 15, 2003  
Attorney Docket No. VM7036492001

## MESSAGE:

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Dated: December 15, 2006Name of Person Certifying: Sheila A. BadonPrinted Name: Sheila Badon

## Enclosed:

- Transmittal (1 pg.);
- Amendment and Response to Office Action (11 pgs.)

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PTO/S&amp;Z/21 (09-04)

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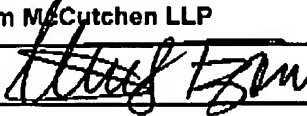
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/687,522
		Filing Date	October 15, 2003
		First Named Inventor	Edward J. Seppi
		Art Unit	3737
		Examiner Name	James M. Kish
Total Number of Pages in This Submission	12	Attorney Docket Number	VM7036492001

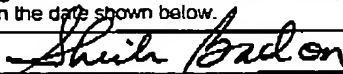
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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply (11 pgs). <input type="checkbox"/> After Final ( pgs). <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Formal Drawing(s) ( sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition to Correct Inventorship <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Fax Cover Sheet to Examiner
<div style="border: 1px solid black; padding: 5px;"> <b>Remarks</b>    </div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	Bingham McCutchen LLP		
Signature			
Printed Name	Brich C. Tzou		
Date	December 15, 2006	Reg. No.	56,927

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Sheila Badon	Date	December 15, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Dated: December 15, 2006Name of Person Certifying: Sheila BadonPrinted Name: Sheila Badon

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Edward J. Seppi, et al.

Serial No.: 10/687,522

Filed: October 15, 2003

For: SYSTEMS AND METHODS FOR  
FUNCTIONAL IMAGING USING  
CONTRAST-ENHANCED MULTIPLE-  
ENERGY COMPUTED TOMOGRAPHY

Group Art Unit: 3737

Examiner: Kish, James M.

Confirmation No.: 5245

AMENDMENT & RESPONSE TO OFFICE ACTION

## MAIL STOP Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed October 2, 2006, please amend the application in accordance with the following amendment sheet(s).

Amendments to the Claims begin on page 2.

Remarks begin on page 9.